INDEX TO VOL. 41

ALDABRA, ISLAND OF, 647–665
Andrew Crosse, and the story of a myth, 597–619
Annual Meeting, 1966, 372–375
Armytage, W. H. G., History of the future, 63–75
Athlete, Science and the, 631–646
Attenborough, David: BBC-2, 439–453

BACON, G. E.: Looking at solids with neutrons, 510–531
Bannister, Roger: Science and the athlete, 631–646
Bawn, C. E. H.: Fibre-composite materials, 178–188
BBC-2, 439–453
Beginnings of cancer, The, 268
Bhabha, Homi Jehangir, (1909-1966) Tributes by Sir John Cockcroft and M. G. K. Menon, 411–438
Books added to the Library, 1966, 375–378
Boyd, R. L. F.: Mission to Mars, 101–109
—— Re-election as Professor, 371
Bragg, Sir Lawrence: Reminiscences of fifty years' research, 92–100
—— Resignation from Fullerian Professorship of Chemistry, 371–372
—— Director's report for 1965, 373–374
Brainwashing and conversion, the mechanism of, 493–509
Brenner, S.: The genetic code, 125–130
British Broadcasting Corporation. *See*: BBC-2
Bowden, Lord: Problems of research in universities and Government establishments, 392–410

CANCER, THE BEGINNINGS OF, 268
Cockcroft, Sir John: Homi Jehangir Bhabha (1909-1966), 411–422
Conditioning responses by reward and punishment, 48–51
Controlling the information explosion, 16–47
Copying methods past and present, 270–309
Coulson, C. A.: Science and religion, 480–492

DALTON, JOHN, IN LONDON, 162–177
Davis, Admiral Sir William W.: Elected Treasurer for 1966, 374
Davy, Humphry. *See:* Vernon, K. D. C.
Denton, E. J.: The "mirrors" of fishes, 52–62
Dewar at the Royal Institution, 212–233
Dobson, Jessie: Medical education in the eighteenth century, 340–361
Dunsheath, P: The foundations of Faraday's genius, 76–91

ELECTRONS, high energy, Physics with, 131–149
Elementary particles? 150–161
Ether, Michael Faraday and the, 666–680

FARADAY, how he produced living animalculae, 597–619
Faraday Centenary, 690–694
Faraday, M. *See:* Dunsheath, P.
Fibre-composite materials, 178–188
Fishes, the "mirrors" of, 52–62
Fleck, Lord. Re-elected President for 1966, 374
Flowers, B. H.: Physics with high energy electrons, 131–149
Fluids, Waves in, 1–15
Foundations of Faraday's genius, The, 76–91
Fraser-Roberts, J. A.: Genetic advice to Patients, 562–570
Future, history of the, 63–75

GELL-MANN, M.: Elementary particles? 150–161
General Monthly Meetings, 1966, 371–372
Genetic advice to patients, 562–570
Genetic code, The, 125-130
Glass, optical, 325–339
Greenaway, F.: John Dalton in London, 162–177
Grove, W. R. *See:* Vernon, K. D. C.

HARRISON, R. J. Re-election as Professor, 371
Herschel, A. S.: On the shooting-stars of the years 1865-6, 363–370

High energy electrons, Physics with, 131–149
High Pressures, Life and work at, 571–596
History of the future, 63–75
History of Science, illustrating the, 681–689
Holography. *See* Oster, Gerald
Homi Jehangir Bhabha, 1909-1966, 411–438
Hooker, S. G.: World of the Jet Engine Designer, 545-561
Hopthrow, Brigadier, H. E. Re-elected Secretary for 1966, 374
How Faraday "Produced Living Animalculate", 597–619
Hoyle, F.: The quasi-stellar objects, 259–267

ILLUSTRATING THE HISTORY OF SCIENCE, 681–689
Information explosion, Controlling the, 16–47
Island, The, of Aldabra, 647–665

JET ENGINES, 545–561
John Dalton in London, 162–177

KING, R. Re-election as Professor, 371
—— Your servant—the electron, 269

LIBRARY, books added to, 1966, 375–378
Life and Work at High Pressures, 571–596
Lighthill, M. J.: Waves in fluids, 1–15
Looking at solids with neutrons, 510–531

MANAGERS ELECTED 1966, 374
Man's physiological conquest of the environment, 310–324
Manuscripts. the Royal Institution's, Humphry Davy and W. R. Grove, 241–258
Mars, mission to, 101–109
Massey, Sir Harrie: Problems of science policy, 379–391
Mechanism of brainwashing and conversion, 493–509
Medals of science, The, 189–197
Medical education in the eighteenth century, 340–361
Mendelssohn, K.: Dewar at the Royal Institution, 212–233
Menon, M. G. K.: Homi Jehangir Bhabha (1909-1966), 423–438
Michael Faraday and the Ether, 666–680
Michaelis, A. R.: The medals of science, 189–197
"Mirrors" of fishes, The, 52–62
Mission to Mars, 101–109
Moiré patterns: from op art to holography, 532–544
Mountbattern of Burma, The Earl: Controlling the information explosion, 16–47

NEUTRON DIFFRACTION. *See:* Bacon, G. E.

OFFICERS FOR 1966, elections, 374
On meeting Professor George Porter, 620–626
Optical art (op art). *See:* Oster, Gerald
Optical glass, 325–339
Origins of petroleum, The, 110–124
Oster, Gerald: Moiré patterns: from op art to holography, 532–544

PARTICLES, Elementary, 150–161
Patients, genetic advice to, 562–570
Paton, W. D.: Life and Work at High Pressures, 571–596
Pearce Williams, L.: Michael Faraday and the Ether, 666–680
Peters, Basil: On Meeting Professor George Porter, 620–626
Petroleum, the origins of, 110–124
Physics with high energy electrons, 131–149
Planning and building of the University of Sussex, The, 198–211
Pilkington, L. H. A.: Optical glass, 325–339
Porter, Professor George, 620–626
—— Re-election as Professor, 371
—— Election as Fullerian Professor, 372
—— Becomes Director, 373
—— Extracts from speech given at the Evening Party, October 1966,
Problems of research in universities and Government establishments, 392–410
Problems of science policy, 379–391
Professors, election of, 371
Proudfoot, W. B.: Copying methods past and present, 270–309

INDEX

QUALITY IN THE MIDST OF QUANTITY, 362
Quasi-stellar objects, the, 259–267

RELIGION, Science and, 480–492
Reminiscences of fifty years' research 92–100
Research in universities and Government establishments, Problems of, 392–410
Research in a very big industry, 454–478
Robinson, Sir Robert: The origins of petroleum, 110–124
Ronan, Colin A.: Illustrating the History of Science, 681–689
Rothschild, Lord: Research in a very big industry, 454–478
Royal Dutch/Shell Group. *See:* Rothschild, Lord
Royal Institution: Annual Meeting, 1966, 372–375
Royal Institution, Dewar at the, 212–233
—— Evening party, October 1966, to welcome Professor and Mrs. Porter, 234–240
—— General Monthly Meetings, 1966, 371–372
Royal Institution's Manuscripts—Humphry Davy and W. R. Grove, 241–258
Royal Institution Notes: Faraday Centenary 1967, 690–694
Royal Institution notes of 1967, 627–630

SANDERS, F. KINGSLEY: The beginnings of cancer, 268
Sargant, William: The mechanism of brainwashing and conversion, 493–509
Schall, W. E. (Treasurer, 1956-1965), 371
Science and the Athlete, 631–646
Science and the Universities in the Robbins Age. *See:* Swann, M.
Science policy, problems of, 379–391
Science and religion, 480–492
Shell group of companies. *See:* Rothschild, Lord
Shooting-stars of the years 1865-6, 363–370
Skinner, B. F.: Conditioning responses by reward and punishment 48–51
Spence, Sir Basil: The planning and building of the University of Sussex, 198–211
Stallybrass, O. G. W.: How Faraday "Produced Living Animalculate", 597–619
—— Andrewe Crosse, the Story of a myth, 597–619
Sussex, University of, The planning and building of, 198–211
Swann, M.: Quality in the midst of quantity, 362

UNIVERSITIES IN THE ROBINS AGE. *See:* Swann, M.
University of Sussex, The planning and building of, 198–211

VERNON, K. D. C. Resignation as Librarian, 371–374
—— The Royal Institution's manuscripts—Humphry Davy and W. R. Grove, 241–258
Visitors elected 1966, 375

WAVES IN FLUIDS, 1–15
Weiner, J. S.: Man's physiological conquest of the environment, 310–324
World of the Jet Engine Designer, 545–561
Wright, C. A.: The Island of Aldabra, 647–665

YOUR SERVANT—THE ELECTRON, 269